

Ans Feb 24  
as many

Ark. Ind. Univ.

Fayetteville Ark

Feby 21st 1880

Dr G. Engelm.

Dear Sir:-

I take the liberty of addressing you, without an introduction, regarding a few *Cheilanthes microphylla*. Said to have been collected by you at Hot Springs Arkansas. (Cat alogue of Plants, W. 100th Meridian, Page 311) Will you be so kind as to direct me to the locality as I intend to visit that region next summer.

Would you determine for me species of the Ord. Euphorbiaceae if I will send good specimens next fall?

Respy T. D. Hearsey



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Rec Feb 28

At March 3.

*Lemmaphis annua*

\* *indica* *nummularia* Sw.

*annua* *subcordata* (L.)

(At the Fayetteville ~~Arkansas~~ ~~Arkansas~~)

Fayetteville Ark

Feb 26th, 1883.

Mr. Geo. Engelmann

Dear Sir:-

Yours at hand.

Am glad to have that point so definitely settled though I should not object to adding another fern to our flora.

*C. Alabamensis* grows in this County though it is rather scarce.

I ran across *Notholaena dealbata* this winter within in  $\frac{1}{2}$  mile of the Miss. I cannot see how I overlooked it so long.

Did you ever see, while in Ark. *Asplenium pinnatifidum*, Nutt.

" *Antennaria* L.

*Aspidium spinulosum*, Sw.



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*Ismunda spectabilis* Willd.

= *O* *Regalis* of L.

*Ophioglossum vulgatum* L.

I find *Asplenium Bradleyi* \*

& *helleborites longissimum*

(*Woodwardia angustifolia* Smith)

*Asplenium pinnulatum*  
in N. W. Arkansas.

I have not found the *Gonolobus*  
you mention. Have only *G. laevis*  
from this state.

Will look carefully for it this season  
Did you find it in the prairie South  
of T. S. and at what season of the year.

I have had so much school work  
& could not botanize ~~much~~ <sup>extensively</sup> above  
several hundred species from this  
region. I had over 100 species of  
ledges & gorges, but the workmen at the  
min. considering their work made  
this difficult. Will collect extensively  
this season.

Thanks for kindness

Respectfully

J. L. Harvey

I enclose a list of some of the species  
you may desire some of them.



On Apr 15 1880 we left with David wood &  
on 22 we were out collecting and found  
a small report in which it said that  
Swallow's population was much more  
numerous & larger than in last year. We  
had visited Fayetteville, Ark

April.

Dr. Geo. Engelmann:-

Dear Sir:-

I desire to know where I  
will be likely to obtain a copy of Monograph of  
Books of the U.S. by yourself.

The books are hard for me, and I wish to  
give them attention this year.

I have a chance to procure 10 Vols of the Survey  
for a R.R. Route 35 parallel, also Vol II of the  
Mexican Boundary Survey, and desire to  
ask you how much they are worth.

I send by mail a plant or two which I am  
in doubt about.

I will send you the species marked by you  
on my list this fall, or any other species  
I may be able to collect that you desire.

I have been searching diligently for Leverworts  
but have not found it yet. Do you know where  
you found it in North West Ark?

I have found the place where Mr Freytag  
lived when you visited this region and  
will look for *Gonolobus* in proper season.

Is there a more recent catalogue of the plants  
of Ark. than that in Owen's Report by Langsdorff?  
I find a considerable number of species here  
not comprehended in his report, also several  
marked questionable are plentiful here.

Hoping I have not intruded & am

Very truly yours

F. D. Horrey

1. grows on hill sides in this region

2. I found on sand banks on White R.

4+5 grow in field in dry situations

6 is common on the wooded hills.

I enclose a paper of seed of *J. t. triflorus*

Mer: Mayo  
as 2 2

Fayettewilla, Ark.

May 11th 1880

Dr. Engelmann

Mr. George Smith.

Your very kind letter reached me some days ago. We certainly had a narrow escape. The University was not injured. The track of the tornado is within  $1\frac{1}{2}$  blocks of where we are boarding. A fire has occurred since the storm which threatened to finish the destruction, but it was controlled before many buildings were destroyed. Two of the best stone buildings in town were, however, laid in ashes. The work of rebuilding has already begun.

I have just returned from a trip to Drakes, Mo.,  
and searched all the flat sacks I came across  
for Leavenworthia, but found none. It seems  
so strange to me that I can not find it.

I secured a large number of species new to my Herbarium, and send you a package of some of the species that have bothered me.

also some which may be desirable to you

20 1 grows on low grounds and hills also.

" 2 " dry flint hills W.W. Ark.

" 3 Aristotelia " flat rocks. " "

" 4 Ostrya Acuminata flat rocks. " "

" 5 Lathyrus palustris flat hills " "

" 6 ~~Agrostis capillaris~~ " ledges " "

" 7 Dry, simple dry rocks limestone

8 Acaena-Asteris flat rocks minute part

9 Cordylis acaena, perhaps " "

10 Phlox pilosa dry flint hills

11: *Fedica longiflora* - on flat rocks Benton Co

12: Fruit of *Ulmus alata* collected 3 years ago.

13: Fine sp. of *Selenia annua*

14: " " *Collomia Violacea* vns

15: *Ceratemonus*? Are they named properly?

\*\* ~~Grasswood longicaudum~~.

I paid \$10.00 for Vol. II Mexican B. S. ~~and~~ 10 Vols. of 35 for all S. & C. Owen's Preliminary Survey of Iowa & Wisconsin. I regard it almost as good as securing the two volumes of Gray's Genera Illustrata for \$7.50 which I did last year at a second hand book store.

I intend to try again for Heavenworthia along the Indian Country Border. Did you find it in the Mts. or in the open country?

I found no bill for the copy on Oaks. I did not wish to beg it from you. Will give you its value if you will name the sum.

Very Respectfully

F. S. Harvey

Rec Dec 18  
Ans Feb 10

Fayetteville, Ark.

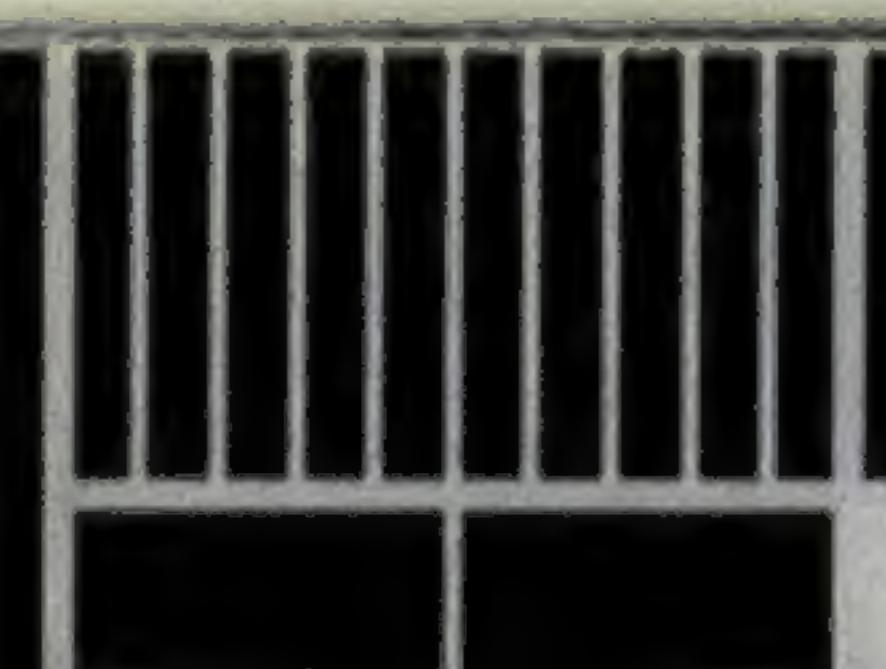
Dec. 15th 1880

Dr. S. Engelmann

Dear Sir:-

I send by mail  
today specimens of the fruit of  
*L. lyrota* The long fruit is from a  
different tree from the remainder.  
also, fruit of *Corya myristiciformis*  
which I found this summer on Red  
River. I only collected about a dozen  
nuts, or would send you more.

I enjoyed my trip through the south  
part of Arkansas and gained a great  
deal of information about our flora.  
I have remembered your request  
about *Castanea pumila*, am able  
to trace the shrub form into the  
arborescent. I find this in N. W.



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Ark. nearly  $2\frac{1}{2}$  ft. diameter. The size  
gets much larger toward the S.W. part  
of the state, and about Washington  
Hampstead Co attains a diameter over  
4 ft. I found *Corylus velata* ~~about~~  
at several points in the state.

I was much interested in 2 *agnatice*,  
& *Phellodendron* species I had never seen before  
as well as several other forest trees  
new to me.

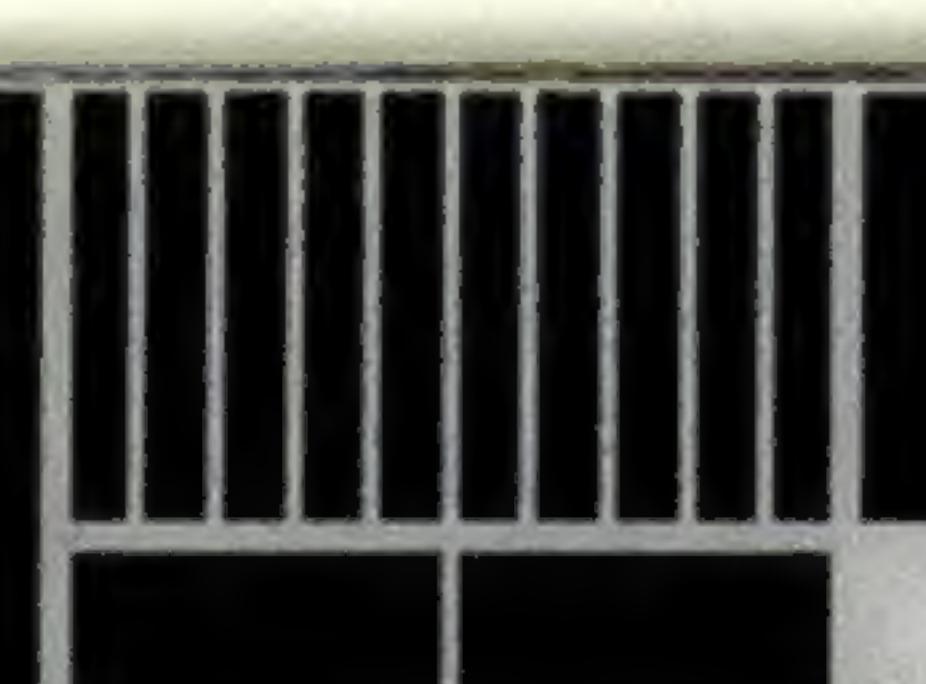
I have a good many species of plants  
which I collected this summer, and  
some of them have given me some  
trouble. If I send you good specimens  
will you look them over for me?

If I ask too much please tell me so.

The specimen of *L. stellata* Mr. Lethem  
handed you is a form with small leaves  
of S.W. Ark.

Very gratefully yours  
F. L. Harvey

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Rec May 21  
as —

Fayetteville, Ark.

May 30th

Dr. Geo Engelmann 1881

Dear Sir:—

Please accept  
the fine specimens of *S. aurea*  
sent by mail today.

You will find a description of  
*T. sericea* var. *nuttallii* = *T. viridescens*,  
etc. in Contributions to American  
Botany no. IX. Revision of the  
Order Liliaeas, by George Watson.



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The characters of the var. 5  
"Upper stem & nerves of the  
leaves beneath rough-h-pubescent.  
petals linear-lanceolate, purplish  
green with brown base 2 inches  
long "Arkansas. I have had  
a great many colls for this  
var. sent off 75 specimens  
last year and will send  
Mr Cardin 40 this year.  
I send you a specimen of it  
also Oenothera linifolia, Nutt.  
which I found last week.  
Should like to know your  
opinion of the hirsutulus a  
I send. It is common on  
cliffs in N.W. Arkansas.  
I was exceedingly sorry to



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Learn of your illness and  
hope you have fully recovered  
before this.

Very truly  
F. L. Harvey.

I send specimen of Draba  
brachycarpa as it usually occurs  
here. Of the form I sent before  
I found specimens on the cliffs  
over 1 ft. high.

I have sent notes and a herbarium  
to Goettsch which will answer  
your questions when published.

~~affiliatus~~ was grandiflora



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